

Claims 1-49 canceled.

50. (Currently Amended) A balloon catheter, comprising:

a shaft;

a balloon mounted to the shaft, the balloon having an expanded condition and a collapsed condition, the balloon comprising:

an outer surface having at least a first portion and at least a second portion, the at least second portion comprising ~~at least~~ a higher-friction section having a coefficient of friction higher than the coefficient of friction of the first portion;

the higher-friction section having a first radius being radially displaced from a first position, radially within the outer radial extreme of the balloon when the balloon is in the collapsed condition, and a second radius that is greater than the first radius to a second position, at the radial extreme of the balloon when the balloon is in the expanded condition,

the first portion having a third radius being positioned at least partially at the radial extreme of the balloon when the balloon is in the collapsed position and a fourth radius that is less than the second radius at a position radially within the high-friction section when the balloon is in the expanded condition.

51. (Previously Added) The balloon catheter of claim 50, wherein the second portion comprises at least one rib.

52. (Previously Added) The balloon catheter of claim 50, wherein the second portion is at least partially coated with a friction-enhancing coating.

53-55. (Cancelled)

56. (Previously Added) The balloon catheter of claim 50, wherein the second portion comprises a mesh.

57. (Previously Added) The balloon catheter of claim 50, wherein the balloon is substantially oval when in the expanded condition.

58. (Previously Added) The balloon catheter of claim 50, wherein the outer surface comprises at least three first portions.

59. (Currently Amended) A balloon catheter, comprising:

a shaft;

a balloon mounted to the shaft, the balloon having an expanded condition and a collapsed condition, the balloon comprising:

at least three outer arms and at least three connecting surfaces spaced between adjacent outer arms, the at least three outer arms having a first coefficient of friction and the at least three connecting surfaces having a portion having a second coefficient of friction higher than the first coefficient of friction;

~~the at least three connecting surfaces having a first cross-sectional radius being radially displaced from a first position, radially within the at least three outer arms when the balloon is in the collapsed condition, and a second cross-sectional radius greater than the first cross-sectional radius to a second position, at the radial extreme of the balloon when the balloon is in the expanded condition; [,]~~

~~the at least three outer arms having a third cross-sectional radius being positioned at the radial extreme of the balloon when the balloon is in the collapsed position and at a position radially within the at least three connecting surfaces a fourth cross-sectional radius that is greater than the second cross-sectional radius when the balloon is in the expanded condition.~~

60. (Previously Added) The balloon catheter of claim 59, wherein each of the at least three connecting surfaces comprises at least one rib.

61. (Previously Added) The balloon catheter of claim 59, wherein each of the at least three connecting surfaces is at least partially coated with a friction-enhancing coating.

62-64. (Cancelled)

65. (Previously Added) The balloon catheter of claim 59, wherein each of the at least three connecting surfaces comprises a mesh.

66. (Previously Added) The balloon catheter of claim 59, wherein the balloon is substantially oval when in the expanded condition.